

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau

10/539002

(43) International Publication Date  
22 July 2004 (22.07.2004)

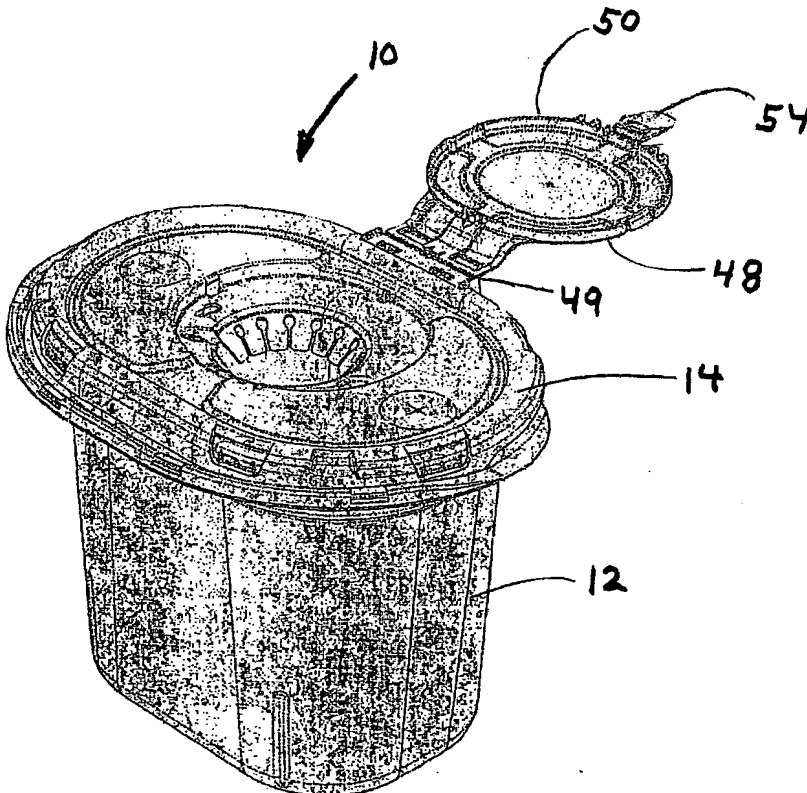
PCT

(10) International Publication Number  
WO 2004/060178 A1

- (51) International Patent Classification<sup>7</sup>: A61B 19/02, 17/06, B65F 1/16
- (21) International Application Number: PCT/US2003/039900
- (22) International Filing Date: 16 December 2003 (16.12.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 60/433,842 16 December 2002 (16.12.2002) US
- (71) Applicant (for all designated States except US): BECTON DICKINSON AND COMPANY [US/US]; 1 Becton Drive, Franklin Lakes, NJ 07417-1880 (US).
- (72) Inventors; and  
(75) Inventors/Applicants (for US only): DANSSAERT, John [US/US]; 643 Dell Street, Solana Beach, CA 92075 (US). STARK, Ken [US/US]; 318 Calle Adela, San Marcos, CA 92069 (US).
- (74) Agent: VOELLMICKE, John, L.; Becton, Dickinson and Company, 1 Becton Drive, Franklin Lakes, NJ 07417-1880 (US).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),

[Continued on next page]

(54) Title: SHARPS DISPOSAL CONTAINER



(57) Abstract: A sharps disposable container (10) comprises a base (12) having a bottom wall (23) and a sidewall extending upwardly therefrom defining a receptacle. A top having an aperture (42) therethrough is connected to an upper portion (16) of the sidewall. A closure (48) is hinged to the top and capable of moving from an open position which allows access to the aperture and a closed position wherein the closure releasably engages the top. A gripping tab (54) is hinged to the closure and projects upwardly from the closure when the closure is in the closed position and releasably engages the top. The closure can be permanently locked to the top by pivoting the gripping tab in a downwardly position and moving the closure to the closed position.